

Series 4500R, 4504 (4 ½" Deep) & 4600, 4506 (6" Deep) Comparison Data Sheet



Energy Value Comparison

The energy values provided below are based on fenestration values, not the centre of glass values.

The 4500R & 4600 are only available in double glazing. The 4504 & 4506 are available in double / triple glazing.

Vision Glazing – Using 6mm with standard low E #2 / argon fill and warm edge spacer / 4mm clear.

SERIES	4500R			4600			4504			4506		
Energy	Ufen		SHGCfen	Ufen		SHGCfen	Ufen		SHGCfen	Ufen		SHGCfen
	W/m²k	Btu/hft²F		W/m²k	Btu/hft²F		W/m²k	Btu/hft²F		W/m²k	Btu/hft²F	
Sliding Door	1.86	0.33	0.31	1.95	0.34	0.31	2.02	0.36	0.31	2.03	0.36	0.31

Main Differences Between the Series

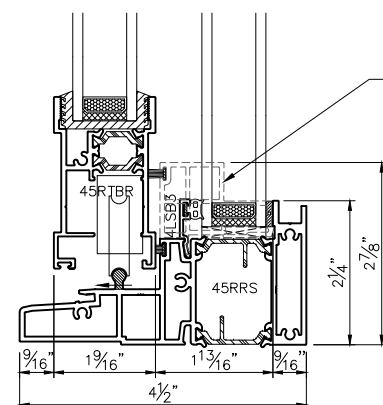
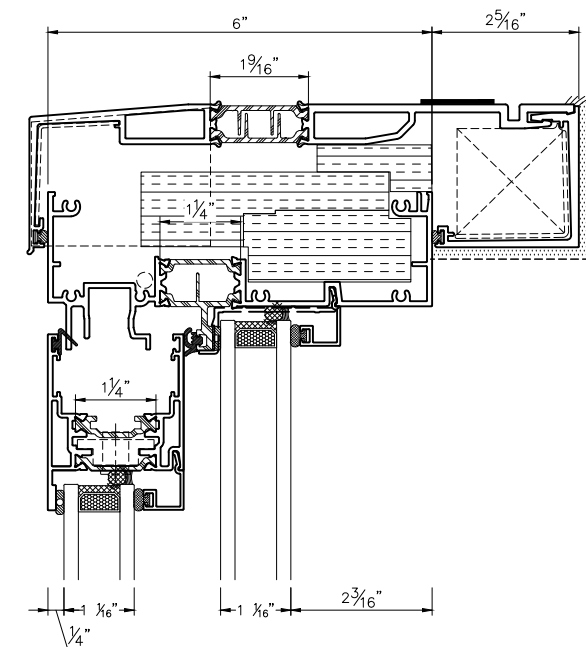
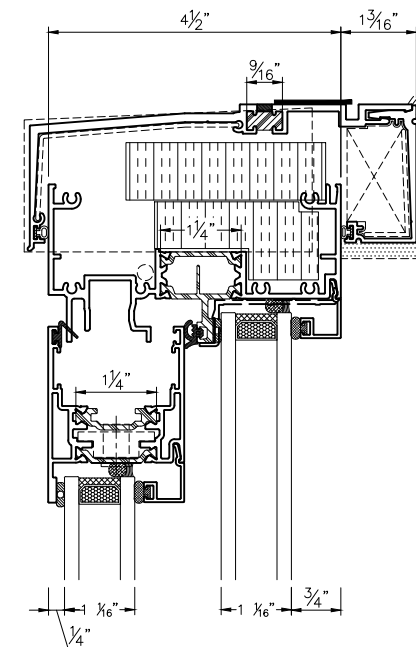
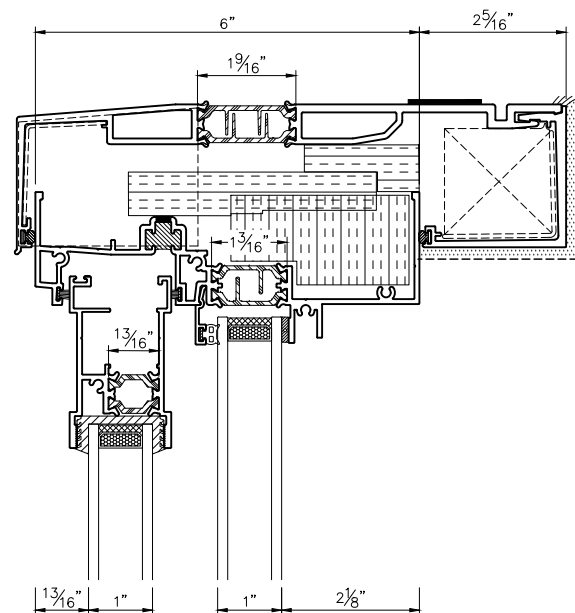
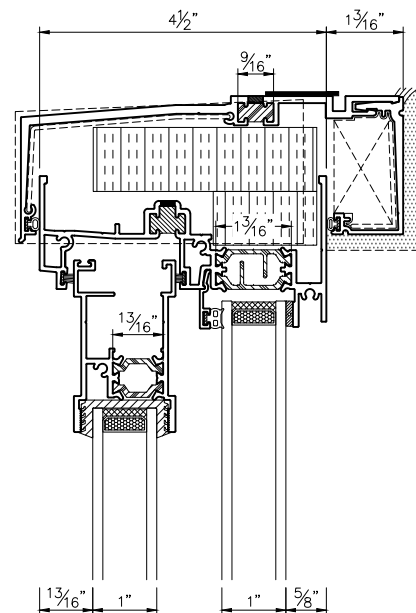
The below table provides a high-level comparison of the series 4500R, 4600, 4504, & 4506.

Series		4500R – 4 1/2" (114mm) Deep	4600 – 6" (152mm) Deep	4504 – 4 1/2" (114mm) Deep	4506 – 6" (152mm) Deep
IGU Depth		1" (25mm)		1 1/16" (27mm)	
Slider Depth		1 9/16" (40mm)		2 1/8" (54mm)	
Thermal Break (TB) Depth	Deflection Header	9/16" (14mm) Fill and Debridge	1 9/16" (40mm) Multi Chamber	9/16" (14mm) Fill and Debridge	1 9/16" (40mm) Multi Chamber
	Fixed Lite	1 3/16" (30mm) Multi Chamber		1 1/4" (32mm) Multi Chamber	
	Slider	13/16" (21mm)		1 1/4" (32mm)	
Deflection Header Clip Depth		1 3/16" (30mm)	2 5/16" (59mm)	1 3/16" (30mm)	2 5/16" (59mm)
Exterior Face of Door Head to Exterior Face of Sliding IGU		13/16" (21mm)		Double – 1/4" (6mm) Triple – 1/4" (6mm)	
Exterior Face of Door Sill to Exterior Face of Sliding IGU		9/16" (14mm)		Double - 9/16" (14mm) Triple – 13/16" (21mm)	
Interior Face Fixed Lite IGU to Interior Face of Door Head		5/8" (16mm)	2 1/8" (54mm)	Double - 3/4" (19mm) Triple – 5/16" (8mm)	Double - 2 3/16" (56mm) Triple – 1 3/4" (45mm)
Interior Face Fixed Lite IGU to Interior Face of Door Sill		9/16" (14mm)	2 1/16" (52mm)	Double - 3/4" (19mm) Triple – 5/16" (8mm)	Double - 2 3/16" (56mm) Triple – 1 3/4" (45mm)

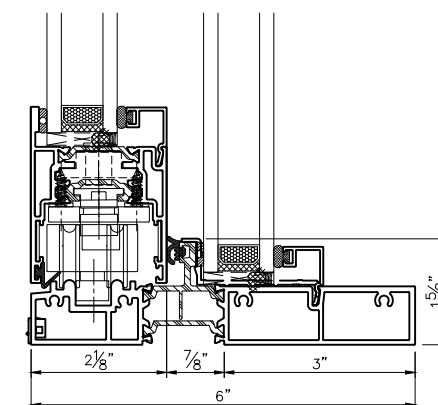
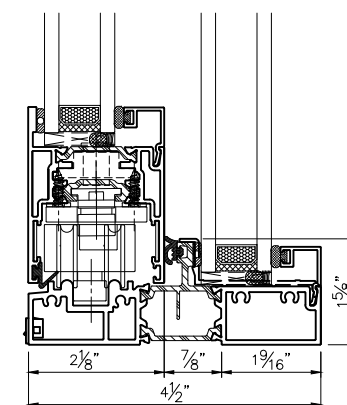
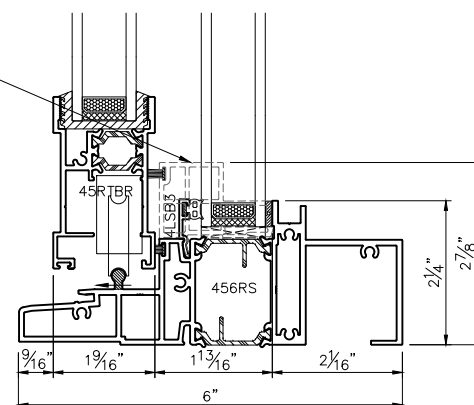
Please refer to the next page for details providing a visual comparison of the table above.

WATER PENETRATION RESISTANCE FOR FIELD TESTS

THERE IS AN OPTION TO ADD AN INSERT TO THE THRESHOLD OF THE 4500R & 4600R DOOR. THIS INSERT WILL PROVIDE AN ENHANCED WATER PENETRATION RESISTANCE RATING FROM 301Pa UP TO 500Pa FOR FIELD TESTING. IF 300Pa OR LESS IS REQUIRED, THE STANDARD DOOR THRESHOLD CAN BE USED.



NOTE: PVC INSERT OPTIONAL
FOR ENHANCED WATER
PENETRATION RESISTANCE
FOR FIELD TESTS.



1 4500R SERIES

ARCH REF: N/A

2 4600 SERIES

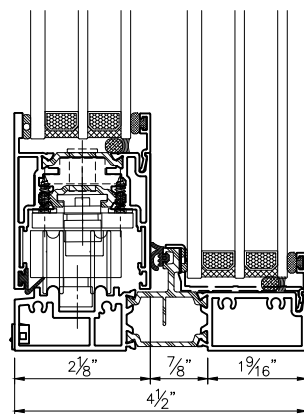
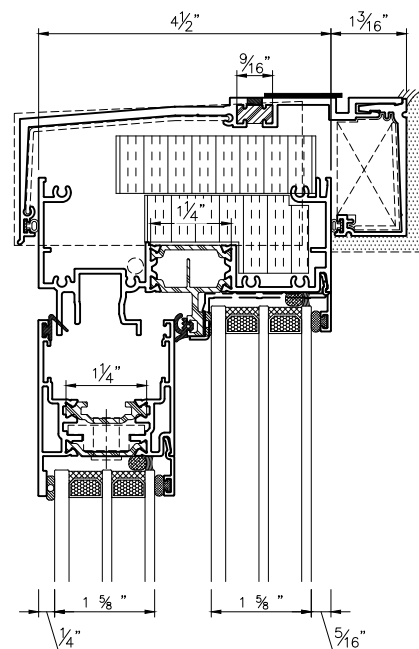
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3 4504 SERIES

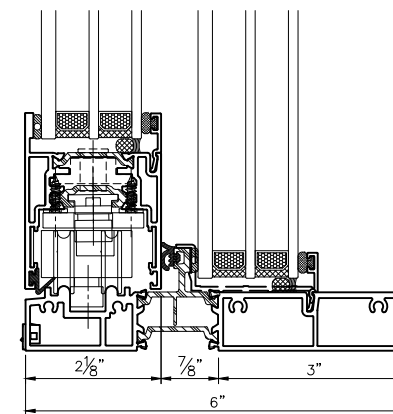
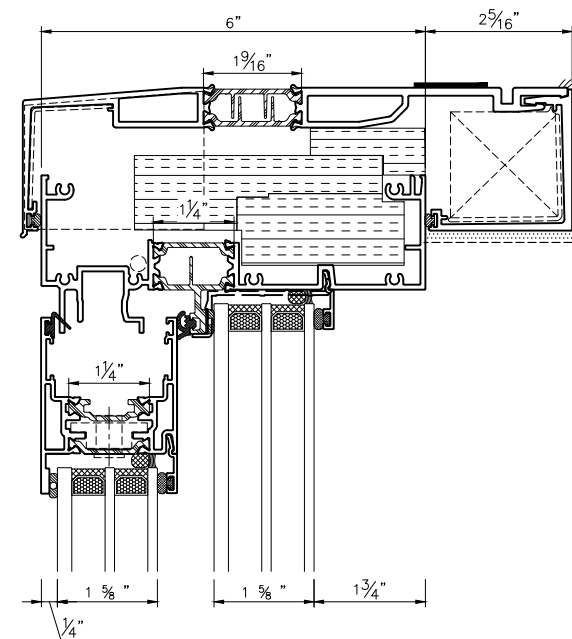
ARCH REF: N/A

4 4506 SERIES

ARCH REF: N/A



1 4504 SERIES
ARCH REF: N/A



2 4506 SERIES
ARCH REF: N/A